

Chen, Isaac

From: Bailey, Marc A <marc@lanl.gov>
Sent: Thursday, September 11, 2014 3:28 PM
To: Chen, Isaac
Cc: Saladen, Michael Thomas; Chavez, Lawrence Valenzuela; Lechel, Bob; Watkins, Brian L; Tymkowych, John M; Vigil, Randy E; Bailey, Marc A
Subject: RE: NPDES Permit No. NM0028355, Notice of Changed Conditions and Supplemental Reapplication Information, Outfall 13S

Mr. Chen-

Environmental personnel at the facility provided the following information:

The HEWTF does not have the storage capacity to deal with 6000+ gallons (and growing) of this storm water with de minimis levels of HE (HMX 0.6 ppb highest value). Even if the storage limitation could be remedied the processing capability at the HEWTF is 150 gal/ day and would take 40 man/days at a cost of \$1900/day to process the currently collected storm water. This is not only cost prohibitive but would prevent the HEWTF from treating actual HE process water (e.g. from HE machining facility) and have potential impacts on HE production deliverables.

In addition, the high explosive projects at TA-36-86 (Pixy) have project deadlines with external customers and need to remove the water tanks currently storing storm water to allow execution of said projects in the very near future. The poly tanks can no longer stay in their existing location at 36-86 due to explosive safety concerns and the potential to damage the tanks and create an unauthorized discharge.

The storm water disposition at SWWS is a short term need until the remediation of the mineral oil source (residual mineral oil leaks from former Pixy operations) from the concrete is complete.

Marc Bailey

From: Chen, Isaac [mailto:Chen.Isaac@epa.gov]
Sent: Thursday, September 04, 2014 12:11 PM
To: Bailey, Marc A
Subject: RE: NPDES Permit No. NM0028355, Notice of Changed Conditions and Supplemental Reapplication Information, Outfall 13S

Marc,
Has LANNL considered to use the current HE treatment facility to treat contaminated storm water?

From: Bailey, Marc A [mailto:marc@lanl.gov]
Sent: Thursday, September 04, 2014 12:39 PM
To: Chen, Isaac
Cc: Saladen, Michael Thomas; Gallegos, Robert M
Subject: RE: NPDES Permit No. NM0028355, Notice of Changed Conditions and Supplemental Reapplication Information, Outfall 13S

Isaac-

We collected HE samples at both 001 and 13S on 8-15-14 but have not received results yet. Our plan is, once know the background concentration (expected to be zero) we can feed small volumes of the HE-contaminated storm water a little at a time to SWWS while collecting more HE samples to see if there is an effect.

Marc

From: Chen, Isaac [<mailto:Chen.Isaac@epa.gov>]
Sent: Thursday, September 04, 2014 11:18 AM
To: Bailey, Marc A
Cc: Saladen, Michael Thomas; Gallegos, Robert M
Subject: RE: NPDES Permit No. NM0028355, Notice of Changed Conditions and Supplemental Reapplication Information, Outfall 13S

Marc,
Please grab couple effluent samples at Outfall 001 (or 13S) wherever the final discharge goes to see if HE are detected.

Isaac

From: Bailey, Marc A [<mailto:marc@lanl.gov>]
Sent: Thursday, September 04, 2014 11:10 AM
To: Chen, Isaac
Cc: Saladen, Michael Thomas; Gallegos, Robert M
Subject: FW: NPDES Permit No. NM0028355, Notice of Changed Conditions and Supplemental Reapplication Information, Outfall 13S

Hello Isaac-

I sent this Notice out last week and I'm not sure if you have had a chance to look at it. Do you have any comments on sending deminimis quantities of HE to the sanitary treatment plant (SWWS). At these very low concentrations, there should be no effect at SWWS.

Marc Bailey

From: Bailey, Marc A
Sent: Wednesday, August 27, 2014 3:04 PM
To: Gooden-Jackson.gladys@epa.gov; Chen, Isaac (Chen.Isaac@epa.gov)
Cc: Saladen, Michael Thomas; Gallegos, Robert M; Sarah.Holcomb@state.nm.us; Bruce.Yurdin@state.nm.us; James.Hogan@State.NM.US; Trujillo, Erin S, NMENV (erin.trujillo@state.nm.us); Bailey, Marc A; Lechel, Bob; Watkins, Brian L; Chavez, Lawrence Valenzuela; Vigil, Randy E
Subject: NPDES Permit No. NM0028355, Notice of Changed Conditions and Supplemental Reapplication Information, Outfall 13S

Ms. Gooden-Jackson and Mr. Chen-

Attached is the Notice of Changed Condition letter and the updated Table 4 from the 2012 Reapplication Fact Sheet for Outfall 13S, NPDES Permit No. NM0028355. The original was placed in the mail this afternoon. The tracking number is ED 441352436 US.

Please call me at 505-665-8135 or Mike Saladen at 505-665-6085 if you have any questions or if more information would be helpful.